

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	"4465201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 08:35
S2	19	"4465201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 13:58
S3	3133	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:53
S4	171	S3 and (o adj rings orings)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 08:38
S5	0	(S3 with pins)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 08:38
S6	84	S3 and ((o adj rings orings)and pins)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:12
S7	0	S3 AND ((PINS SUPPORT ADJ RODS) WITH HEADS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:13
S8	0	S3 AND ((PINS) WITH HEADS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:28

## EAST Search History

S9	18004	((PINS) WITH HEADS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:35
S10	0	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:28
S11	6374	156/345.\$..ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:12
S12	18	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:29
S13	4	((PINS) WITH HEADS)with (o-rings orings)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:44
S14	10	"5281295".pn. "6174366".pn. "6630053".pn. "6843882".pn. "5436848".pn. 2003/0230239	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:38
S15	4	((PINS) WITH HEADS)with ((o-rings orings) (elastic adj sealing adj member))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:44
S16	158	((PINS) WITH HEADS)with ((o-rings orings) (rubber teflon) (elastic adj sealing adj member))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:46

## EAST Search History

S17	0	S11 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:47
S18	87503	"118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:47
S19	2	S16 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:48
S20	521	"438"?4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:48
S21	192593	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 09:48
S22	1	S16 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:10
S23	2085386	O-ring near\$1 pin adj head	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:13
S24	2870	S11 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:11

## EAST Search History

S25	3645	118/728,729.ccls..	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:12
S26	1157	S23 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:12
S27	0	O-ring near (pin adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 10:13
S28	11	O-ring with(pin adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:06
S29	291	ASM near America near Inc.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:05
S30	9	S9 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:12
S31	0	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:06
S32	1	10/682005	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:12
S33	2	("2004/0069226").URPN.	USPAT	OR	OFF	2006/11/09 11:16
S34	5439	(lifters lift adj pins)	USPAT	OR	OFF	2006/11/09 11:16

## EAST Search History

S35	26	S34 and pin adj head	USPAT	OR	OFF	2006/11/09 11:16
S36	6	S35 and (o-ring oring)	USPAT	OR	OFF	2006/11/09 11:38
S37	1	"10384089"	USPAT	OR	OFF	2006/11/09 12:09
S38	1	"7086410"	USPAT	OR	OFF	2006/11/09 12:10
S39	15	("4749440"   "4980204"   "5222310"   "5286523"   "5488967"   "5573023"   "5685912"   "5944049"   "6131307"   "6142163"   "6333268"   "6376387"   "6551409"   "6729041"   "6817368"). PN. OR ("7086410").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/09 13:39
S40	41	"5688331"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/09 14:43
S41	1	2003/0178145	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/09 14:44
S42	2	"20030178145"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 15:06
S43	23	lift adj pins with actuators	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 16:09
S44	0	2002/0148566	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 16:10
S45	2	"20020148566"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:10
S46	1	10/522155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:28

## EAST Search History

S47	0	2002/0148566	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:28
S48	2	"20020148566"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:33
S49	3133	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:49
S50	18	S49 and ozone adj killer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:43
S51	8	S50 and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:44
S52	31	S49 and locking adj mechanism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:15
S53	18	S52 and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:58
S54	8	S50 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:51

## EAST Search History

S55	4	S54 and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:45
S56	11	S53 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:46
S57	0	S49 and lift adj pins and locking adj mechanism and ozone adj killer and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 11:50
S58	956	S49 and pins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:14
S59	104059	13and locking adj mechanism and ad@<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:16
S60	11	S58 and (locking adj mechanism) and (@ad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:41
S61	0	S58 and (arm adj locking adj mechanism) and (@ad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:42
S62	248	(arm adj locking adj mechanism) and (@ad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:43

## EAST Search History

S63	0	S49 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:42
S64	6374	156/345\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:42
S65	0	S64 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:42
S66	0	S62 and lift adj pins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 12:43
S67	3133	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:30
S68	117	S67 and cylinder with piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:31
S69	0	S67 and cylinder with piston with (working adj fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:30
S70	2	S68 and working adj fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:36



## EAST Search History

S71	193	S67 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:36
S72	25	S67 and actuator with (cover lid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:36
S73	18	S72 and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 11:14
S74	52	S67 and sealed adj space	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:49
S75	0	S67 and (sealed adj space) with (pressure adj gage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 10:50
S76	22	S67 and (pressure adj gage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 11:06
S77	258	S67 and (lift adj pins)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 11:06
S78	73	S77 and @ad<="20020725"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 13:56

## EAST Search History

S79	59	"5683518"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:14
S80	2	94/17353	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:14
S81	19	"4465201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:26
S82	3133	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:53
S83	0	S82 and poisonou adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 14:53
S84	22	S82 and pressure adj gage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 15:05
S87	2	"4465201".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 15:07
S88	1	2002-164410	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/13 15:07
S89	0	02-238616	JPO	OR	OFF	2006/11/13 15:08

## EAST Search History

S91	0	2002/0148566	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 07:22
S92	2	"20020148566"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 07:44
S93	2	"20030178145"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 08:10
S94	4	"6330822"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 08:17
S95	2	"6460404"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 08:41
S96	8	"5804042"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/22 08:41
S97	3476	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 06:23
S98	3476	S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 06:24

## EAST Search History

S99	18	S98 and ((lid cover) same lock\$3 adj mechanism) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 06:36
S10 0	6	"5368648".pn. "5578132".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 06:48
S10 1	2	"6129546".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:54
S10 2	0	(applied adj materials.as. and (lift adj pins same conical adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:56
S10 3	0	(applied adj materials.as.) and (lift adj pins same conical adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:56
S10 4	0	(applied adj materials.as.) and (lift adj pins same conic adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:57
S10 5	0	(applied adj materials.as.) and (lift adj pins same conic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:57
S10 6	896	(applied adj materials.as.) and lift adj pins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:58

## EAST Search History

S10 7	640	S106 and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 07:59
S10 8	81	(applied adj materials.as.) and (lift adj pin same head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 08:05
S10 9	62	S108 and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 09:36
S11 0	0	(applied adj materials.as.) and (lift adj pin same head same elastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 08:09
S11 1	3476	tokyo near electron near limited.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:07
S11 2	0	S111 and (lift adj pin same head same elastic) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:07
S11 3	0	(lift adj pin same head same elastic) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:08
S11 4	9	(lift adj pin same head same elastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:08

## EAST Search History

S11 5	1	(applied adj materials.as.) and (lift adj pin same elastic) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:14
S11 6	0	(lift adj pin near2 elastic) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 08:14
S11 7	2	(lift adj pin near2 elastic) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 08:18
S11 8	2	"6743473".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 08:49
S11 9	2	"6140256".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:06
S12 0	2	"6129546".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:22
S12 1	1	2002/0132480	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:22
S12 2	2	"20020132480"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:29

## EAST Search History

S12 3	10010	shindo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:30
S12 4	26	S111 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/09 09:30
S12 5	22	S124 and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 09:30
S12 6	45	S111 and (lock\$3 adj mechanism) and (@ad<="20020725" @rlad<="20020725")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 10:26
S12 7	2	"5804042".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/09 10:26